

DIST

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

X

X

X

X

X

X

REGISTERED CIVIL ENGINEER

X

DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

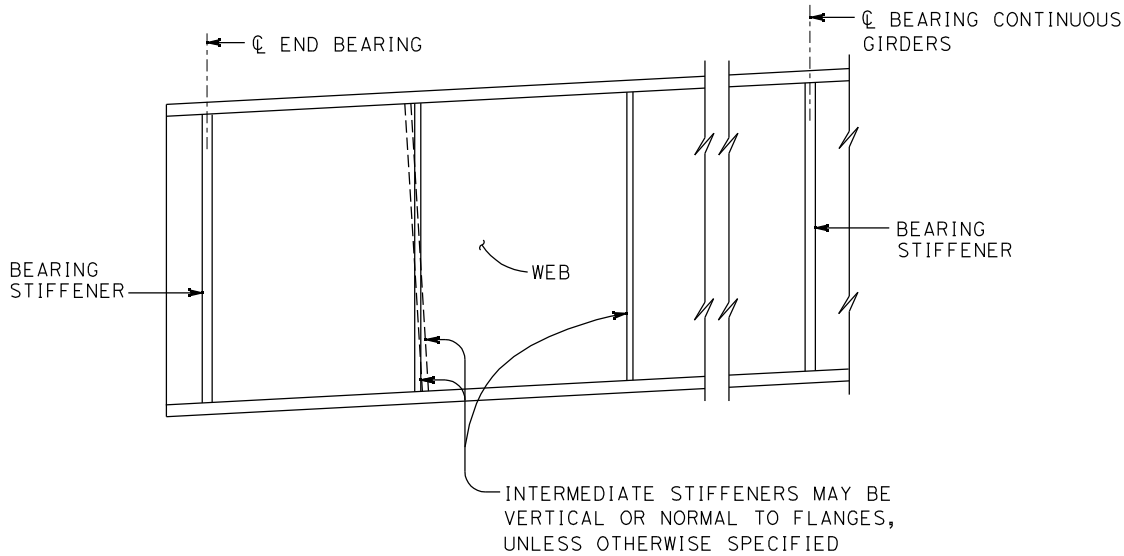
No. X

Exp. X

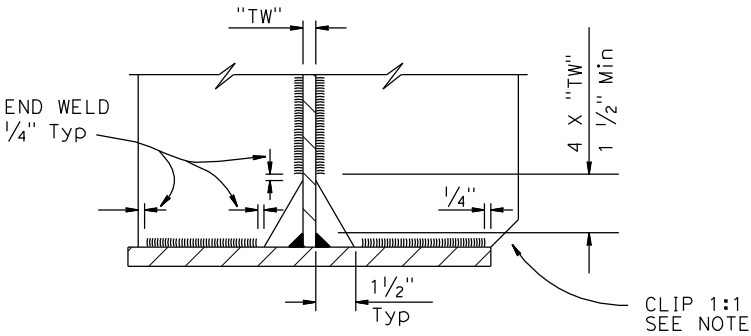
CIVIL

STATE OF CALIFORNIA

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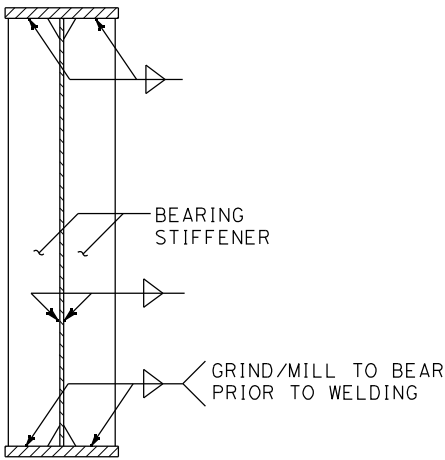
TRANSVERSE STIFFENERS



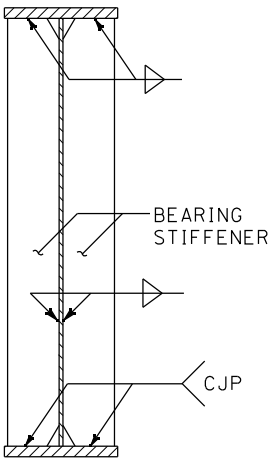
COPE AND WELDING DETAIL

NOTE: Omit clip at bottom flange when less than 2"

- NOTES:
- Under full dead load as shown on the camber diagram, girder ends and bearing stiffeners shall be vertical except they may be normal to grade for grades less than 2%
 - For intermediate stiffeners which have Cross Frames or Diaphragms attached, see xs1-410-3 "STEEL GIRDER CONNECTION STIFFENER DETAILS" sheet
 - For Bearing Stiffeners which have Cross Frames or Diaphragms attached, use details shown on this sheet. For top tension flange alternative connection see "ALTERNATIVE 3 BOLTED CONNECTION" detail on xs1-410-3 "STEEL GIRDER CONNECTION STIFFENER DETAILS" sheet. See Project Plan sheets for locations where bolted connection is required
 - For stiffener sizes see Project Plan sheets
 - Fillet Weld size to be minimum size from Project Specifications unless otherwise shown on Project Plan sheets

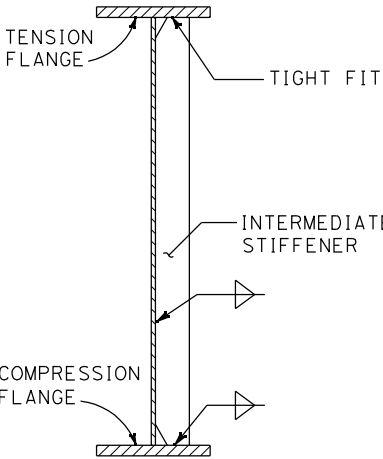
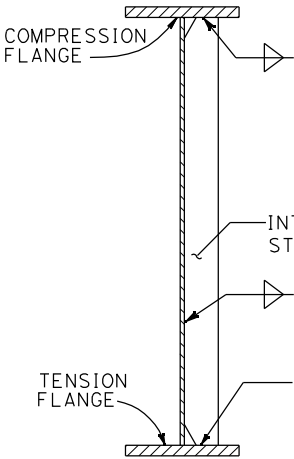


ALTERNATIVE 1



ALTERNATIVE 2

BEARING STIFFENERS



INTERMEDIATE STIFFENERS

(WITHOUT CROSS FRAME ATTACHED)
(ONE-SIDE STIFFENER SHOWN, OTHER SIDE SIMILAR)

NO SCALE